ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 114 (1996) 361

COLLOIDS AND SURFACES A

Author Index

Baker, M., 75
Barratt, D., 75
Benjamins, J., 245
Bree, M., 75
Bünger, H., 211
Burbidge, N.J., 321

Cagna, A., 245
Carroll, B., 161
Chang, C.-H., 185
Chen, L.-J., 31
Chen, P., 99
Cini, R., 23
Clark, D.C., 227, 237, 255
Coltharp, K.A., 185
Corden, R., 75
Cornec, M., 237

Davern, P., 75
Davis, M., 75
De Coninck, J., 155
Demin, P.M., 99
Dukhin, S.S., 61

Fainerman, V.B., 61
Fang, J., 199
Franses, E.I., 185
Fruhner, H., 53, 199

Gaydos, J., 1
Goossens, P., 75

Håkansson, B., 311
Hanrahan, J., 75
Harkin, J., 75
Herold, R., 165, 211
Hwang, W.-B., 131, 143

Johnson, D.O., 41

Kalinin, V.V., 337
Krägel, J., 255
Kretzschmar, G., 277

Lane, D., 75
Lawlor, V., 75
Li, J., 113, 123, 277
Liggieri, L., 351
Lin, L.-W., 31
Lin, S.-Y., 31, 131, 143
Loglio, G., 23
Lu, T.-L., 143
Lucassen-Reynders, E.H., 245
Lunkenheimer, K., 199

Mackie, A.R., 237
Mattisson, C., 311
McMillan, D.G.E., 75
McMillan, N.D., 75
Merks, M.T.E., 221
Miezis, Y., 311
Miller, R., 61, 113, 123, 255, 277
Möhwald, H., 113, 123, 277
Morley, S.D., 321
Motschmann, H., 277

Neumann, A.W., 99
Nylander, T., 311

Pace-Asciak, C.R., 99
Pandolfini, P., 23
Park, S.Y., 185
Passerone, A., 351
Pison, U., 165, 211
Pitt, A.R., 321
Pogorzelski, S.J., 297
Policova, Z., 99
Prins, A., 267

Quickenden, E.L., 321

Radke, C.J., 337
Ravera, F., 351
Razumas, V., 311
Rodríguez Patino, J.M., 287
Ruíz Domínguez, M., 287

Sarker, D.K., 227
Schürch, S., 165
Siegler, K., 199
Smith, S., 75
Stebe, K.J., 41
Susnar, S.S., 99

Tesei, U., 23
Thompson, K., 75
Tsay, R.-Y., 131

van Aken, G.A., 221

Wang, W.-J., 31
Wantke, K., 53
Wantke, K.-D., 199
Wilde, P.J., 227, 237, 255
Williams, A., 267
Winsel, K., 199
Wüstneck, R., 255

ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 114 (1996) 362–363

COLLOIDS AND SURFACES A

Subject Index

Adhesion, 161
Adsorption, 211, 221, 237, 337
Adsorption isotherm(s), 123, 255
Adsorption kinetics, 41, 113, 131, 143, 351
Adsorption layers, 53
Air-bubble instrument, 23
Air/water interface, 123, 221
Anionic surfactants, 321
Aqueous–fluid interface, 337
Aqueous electrolytes, 287
Axisymmetric drop shape analysis (ADSA), 99, 113, 123

Biological functions, 165
Biosensors, 311
Bubble deadtime, 61
Bubble lifetime, 61
Bubble profile, 23
Bubbles, 41, 53
Bubble tension, 211
Bubble volume, 31

Capillarity theory, 1
Capillary constant, 31
Captive-bubble surfactometer, 211
Competitive Adsorption, 99
Components, 165
Compression isotherms, 287
Cubic liquid crystalline phase, 311
Curvature measures, 1

Detergency, 161
Differential geometry, 1
Diffusion, 41, 311
Diffusion-controlled adsorption, 351
Diffusion coefficient, 143
Diffusion control, 131
Dilating surfaces, 221
Dilational rheology, 277
Dipalmitoylphosphatidylcholine–hexadecanol, 185
Distributed-systems theory, 23
Droplet, 161

Drop volume, 31
Dynamic surface tension, 23, 41, 61, 131, 143, 185, 199
Dynamic surface tension response, 99

Emulsions, 237
Enzyme electrode, 311

Fibre drop analyser, 75
Fibre drop traces, 75
Film structure, 297
Foam stability, 227
Food foams, 227
Freundlich model, 351

Gelatin solutions, 321
Glucose, 311

Hepoxilin A_3, 99
Hydrodynamic forces, 161
Hydrodynamic resistance, 61

Interfacial behaviour, 237
Interfacial dilational rheology, 267
Interfacial tension, 113, 123
Ion-binding model, 337
Ionic surfactants, 255, 337

Langmuir model, 351
Line tension, 1
Lipid–protein interaction, 311
Lipid/aqueous systems, 311
Lipoproteinosis, 211
Liquid/liquid interface, 113
Liquid analysis, 75
Liquid droplets, 155
Liquid films, 227
Liquid surfaces, 351
Local equilibrium, 351
Lung disease, 165
Lung injury, 211

Marine films, 297
Maximum bubble pressure, 61
Milk proteins, 221, 237, 255, 267
Mixed control, 131
Mixed kinetics, 351
Mixed solution, 99
Molecular binding, 99
Molecular dynamics, 155
Monolayer isotherm, 123
Monolayer relaxation, 277
Monolayer stability, 287
Monolayer structure, 287
Monoolein/phosphatidyl-choline mixtures, 311
Monostearin films, 287
Multilayer coatings, 321

n-decanol, 41
Non-ionic surfactants, 321, 351

Oil, 161
Oil/water interface, 123, 237
Orthokinetic stability, 237
Oscillating barrier method, 277
Oscillating bubble method, 41, 53

Pendant drop method, 31
Phase transition, 131, 143
Phospholipids, 113, 123, 211, 277
Physicochemical properties, 165
Polymer fibre, 75
Polymer film, 297
Protein(s), 53, 99, 227, 245
Pulmonary surfactant, 199, 211
Pulmonary surfactant system, 165
Pulsating bubble method, 185

Respiratory distress syndrome, 165
Rheological behaviour, 255
Rheological property, 199

Scaling theory, 297
Sodium dodecylsulfate–octanol, 185
Sodium soaps, 185
Soil removal, 161
Sorption rate constant, 143
Span-80, 237
Spreading, 155
Spreading monolayers, 277
Squeeze-out, 99
Sugar analysis, 75
Surface-active complexes, 255
Surface dilational modulus, 23
Surface dilational properties, 53
Surface elasticity, 199
Surface energy, 321
Surface properties, 211, 221
Surface relaxation processes, 53
Surface rheology, 53, 227
Surface shear viscosity, 255
Surface tension, 31, 255, 321, 337
Surfactant mixtures, 255
Surfactants, 41, 53
Surfactant structure, 321

Thermodynamic parameters, 287
Triacylglycerol/water interfaces, 245
Trivalent cations, 227

Vibration drop traces, 75
Viscoelastic properties, 245

Water/air interface, 277
Wetting, 155

Young–Laplace equation, 1